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(54) Method and apparatus for dynamically configuring timing parameters for wireless data devices

(57) A server device (102) receives a set of timing statistics that includes a set of timing statistics measured by a wireless mobile device (100) and a set of timing statistics for the server device that services the wireless device. The timing statistics reflect the performance of the wireless network. Using the timing statistics and other timing related information such as the type of the wireless networks, the server device determines a new set of timing parameters to be used by itself and the wireless devices served thereby and transmits them to the wireless devices. These include an ordered set of numbers that represents a back-off curve for message retransmission. After receiving the new set of timing parameters, the wireless device can directly use the timing parameters or further process or readjust the timing parameters using local information so as to derive a set of locally optimized timing parameters. This allows the server device to dynamically control the timing and performance behaviour of all the mobile devices to an optimal degree with minimal efforts.

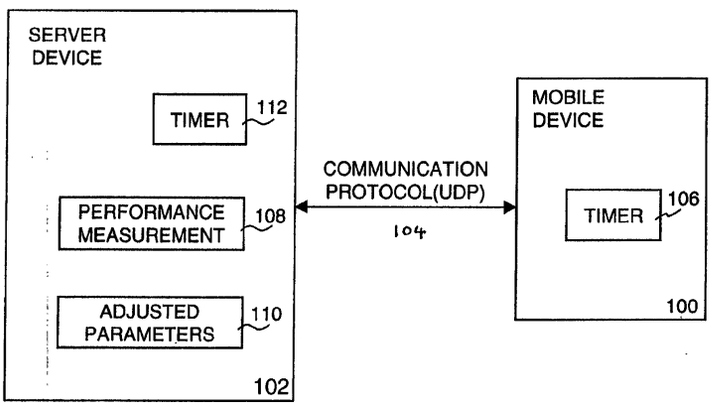

Figure 1A

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EUROPEAN SEARCH REPORT

Application Number
EP 99 30 5460

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Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
THE HAGUE	31 January 2001	Bertolissi, E

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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& : member of the same patent family, corresponding document

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